



DEPARTMENT OF THE NAVY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

N62661 AR.000246
NAVSTA NEWPORT RI
5090 3a

IN REPLY REFER TO

5090
Ser 1684/1823/FL

JUL 22 1992

From: Commanding Officer, Northern Division, Naval Facilities Engineering Command
To: Commanding Officer, Naval Energy and Environmental Support Activity
SUBJ: POLLUTION CONTROL REPORT (PCR), NEW PROJECT SUBMISSION
Ref: (a) NAVFACINST 6240.3B
Encl: (1) PCR FOR EMPTYING OUT THE CONTENTS OF ALL TANKS AT TANK FARMS #4 AND #5 NETC NEWPORT RI

1. Enclosure (1) has been approved in accordance with reference (a) and is submitted for inclusion in the Navy Pollution Control Report.
2. Any questions regarding the enclosure may be addressed to Mr. Francisco La Greca at Autovon 443-0567 or Commercial (215) 595-0567.

F. A. La Greca.

F. A. LA GRECA
Remedial Project Manager
By direction of Commanding Officer

COPY TO:
NETC NEWPORT Code 40E

Internal Copy:
1823/TB

2785

ENVIRONMENTAL POLLUTION CONTROL REPORT (PCR) EXHIBIT
PROPOSED PROJECT

MEDIA: CERCLA

EFD: NORTHDIV

UIC: N62661

PROJECT TITLE: REMOVAL ACTION TANK CONTENTS AT TANK FARMS 4 & 5

ACTIVITY: NETC NEWPORT RI

FUNDING COMMAND: NAVFAC

STATUS: PP

APPN: O&MN

SUBAPPN: IR

INTERNAL PROJECT NUMBER:

ESTIMATED COST OF POLLUTION CONTROL MEASURES

<u>FISCAL YEAR</u>	<u>-----DESIGN-----</u>		<u>---CONSTRUCTION/STUDIES---</u>	
	<u>AMOUNT</u> <u>(\$000)</u>	<u>FUNDED</u> <u>(Yes/No)</u>	<u>AMOUNT</u> <u>(\$000)</u>	<u>FUNDED</u> <u>(Yes/No)</u>
93	500	NO	18000	NO

AGENCY PROJECT SCHEDULE DATES

	<u>MONTH</u>	<u>YEAR</u>
DESIGN START:	10	92
DESIGN COMPLETION:	06	92
CONSTRUCTION START:	09	93
CONSTRUCTION COMPLETION:	09	94

REGULATORY FINAL COMPLIANCE:

POLLUTANT CATEGORY:

CORRECTIVE ACTION CODE:

COMPLIANCE STATUS CODE:

ESDP ESDF PSDF ESRO ESRE ESDL CMPA INVO OTHR

PROJECT ASSESSMENT:

HIGH MEDIUM LOW

VARIOUS LOCATIONS:

YES NO

LEGAL ACTION CODE:

PRIORITY:

LEGAL CITATION:

PROPOSED PROJECT INFORMATION CONTINUED

PROJECT TITLE: REMOVAL ACTION TANK CONTENT AT TANK FARMS 4 & 5

1. PROBLEM STATEMENT:

TWENTY-ONE UST TANKS IN TANK FARM 4 AND 5 CONTAIN MANY FT OF SLUDGE AND WATER. TANKS FILLING UP WITH SURFACE WATER DUE TO CRACKS IN TOPS AND OVERFLOW

TWENTY-ONE UST TANKS WITHIN TANK FARMS 4 AND 5 CONTAIN SEVERAL FEET OF SLUDGE AND WATER. SOME OF THESE TANKS HAVE BEEN FILLING UP WITH SURFACE WATER DUE TO CRACKS IN THE TOPS OF THE TANKS. EVEN WITH NORMAL RAIN, IT IS EXPECTED THAT SOME OF THE TANKS WILL OVERFLOW WITHIN THE NEXT FEW MONTHS. OVERFLOWING OF THE TANKS WILL HIGHLY CONTAMINATE THE SOILS WITHIN THE TANK FARM AND REQUIRE AN EMERGENCY RESPONSE ACTION. THE TANK FARMS HAVE A NETWORK OF UNDERGROUND FUEL LINES THAT ALSO MUCH BE CLEANED OUT AND REMOVED TO ELIMINATE FUTURE POTENTIAL FUEL RELEASES.

2. REMEDIAL ACTION:

REMOVE ALL TANK CONTENTS AND THE UNDERGROUND FUEL LINE NETWORK. USE A TREATMENT FACILITIES ON SITE TO TREAT ALL THE WATER FROM THE TANKS.

REMOVAL OF ALL TANK CONTENTS AND THE REMOVAL OF THE UNDERGROUND FUEL LINE NETWORK. POSSIBLE SOLUTION WOULD BE TO USE A TREATMENT FACILITIES ON SITE TO TREAT ALL THE WATER FROM THE TANKS THAT ARE THREATENING TO OVERFLOW AS WELL AS CLEANING OUT AND DISPOSING OF THE SLUDGE MATERIAL IN THE TANKS. THE UNDERGROUND FUEL LINES WOULD ALSO BE REMOVED UPON COMPLETION OF THE TANK CONTENTS REMOVAL. THIS REMOVAL ACTION IS CONSISTENT WITH THE IR PROGRAM GOALS OF OBTAINING A PERMANENT SOLUTION. NO OTHER COST EFFECTIVE METHOD IS AVAILABLE FOR REMOVING THE LARGE AMOUNTS OF WATER AND SLUDGE REQUIRED TO PREVENT OVERFLOW. THIS REMOVAL ACTION IS DETERMINE TO BE A SOURCE REMOVAL ACTION FOR THE ENTIRE TANK FARMS.

3. APPLICABLE STANDARDS:

CERCLA 104B, 120 121, SARA 211

4. OTHER PCR INFORMATION:

ACTIVITY POC: RACHEL MARINO
DATE OF STEP II:
EFD EIC: FRANCISCO LA GRECA

A/V: 948-3735
A/V: 443-0567